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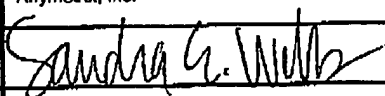
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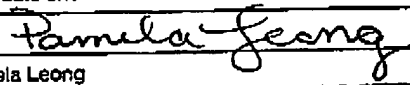
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09,916,135
	Filing Date	July 25, 2001
	First Named Inventor	Matsuzaki, et al.
	Art Unit	1637
	Examiner Name	Jeffrey Fredman
Total Number of Pages in This Submission	14 <i>TM</i>	Attorney Docket Number 3414

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response (10 pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> Remarks </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature			
Printed Name	Sandra E. Wells		
Date	November 2, 2004	Reg. No.	52,349

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Pamela Leong	Date	November 2, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 110**Complete if Known**

Application Number	09/915,135
Filing Date	July 25, 2001
First Named Inventor	Matsuzaki, et al.
Examiner Name	Jeffrey Fredman
Art Unit	1837
Attorney Docket No.	3414

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit AccountDeposit
Account
Number

01-0431

Deposit
Account
Name

Anymatrix, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
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 to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1001	790		2001	395	Utility filing fee	
	1002	350		2002	175	Design filing fee	
	1003	550		2003	275	Plant filing fee	
	1004	790		2004	395	Reissue filing fee	
	1005	160		2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below		Fee Paid
Total Claims	<input type="text"/> -20 **	= <input type="text"/> 0	X	<input type="text"/>	= <input type="text"/> 0
Independent Claims	<input type="text"/> -3 **	= <input type="text"/> 0	X	<input type="text"/>	= <input type="text"/> 0
Multiple Dependents			X	<input type="text"/>	= <input type="text"/> 0

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1202	18		2202	9	Claims in excess of 20	
	1201	88		2201	44	Independent claims in excess of 3	
	1203	300		2203	150	Multiple dependent claim, if not paid	
	1204	88		2204	44	** Reissue independent claims over original patent	
	1205	18		2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130		2051	65	Surcharge - late filing fee or oath	
	1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet	
	1053	130		2053	130	Non-English specification	
	1812	2,520		2812	2,520	For filing a request for <i>ex parte</i> reexamination	
	1804	920*		2804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*		2805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110		2251	55	Extension for reply within first month	110
	1252	430		2252	215	Extension for reply within second month	
	1253	980		2253	490	Extension for reply within third month	
	1254	1,530		2254	765	Extension for reply within fourth month	
	1255	2,080		2255	1,040	Extension for reply within fifth month	
	1401	340		2401	170	Notice of Appeal	
	1402	340		2402	170	Filing a brief in support of an appeal	
	1403	300		2403	150	Request for oral hearing	
	1451	1,510		2451	1,510	Petition to institute a public use proceeding	
	1452	110		2452	55	Petition to revive - unavoidable	
	1453	1,370		2453	685	Petition to revive - unintentional	
	1501	1,370		2501	685	Utility issue fee (or reissue)	
	1502	490		2502	245	Design issue fee	
	1503	660		2503	330	Plant issue fee	
	1460	130		2460	130	Petitions to the Commissioner	
	1807	50		2807	50	Processing fee under 37 CFR 1.17 (q)	
	1805	180		2805	180	Submission of Information Disclosure Sheet	
	8021	40		28021	40	Recording each patent assignment per property (times number of properties)	
	1809	790		2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1810	790		2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
	1801	790		2801	395	Request for Continued Examination (RCE)	
	1802	900		2802	900	Request for expedited examination of a design application	

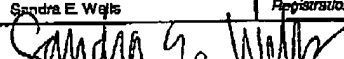
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 110)

SUBMITTED BY

Name (Print/Type)	Sandra E. Wells	Registration No. (Attorney/Agent)	52,349	Telephone	408-731-5000
Signature		Date	November 2, 2004		

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PATENT
Attorney Docket No. 3414

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Matsuzaki et al.

Serial No: 09/916,135

Filing Date: July 25, 2001

Title: **Complexity Management
of Genomic Data**

Examiner: Jeffrey Fredman

Group Art Unit: 1637

Docket No.: 3414

Customer No. : 22886

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. § 1.111

Sir:

In response to the Office Communication mailed 07/02/2004, please amend the
above-identified application as follows:

Amendments to the Specification begin on page 2

Amendments to the Claims are reflected in the listing of claims which begins on page 3
of this paper.

Remarks begin on page 7 of this paper.